

## CLAIMS

1. A separate type medical material, characterized in that it comprises liquid (A) which is an aqueous solution containing a hyaluronic acid ester derivative and  
5 buffered to a pH of from 4.5 to 6.5, and liquid (B) which is an aqueous solution having such a buffering power that when it is mixed with the liquid (A), the mixed liquid has a pH within a range of from 6.8 to 7.8, and the liquid (A) and the liquid (B) are kept separately from  
10 each other before administration and administered as mixed.
2. The separate type medical material according to Claim 1, wherein the hyaluronic acid ester derivative in the liquid (A) is self-crosslinking hyaluronic acid.
- 15 3. The separate type medical material according to Claim 1 or 2, wherein the aqueous solution containing a hyaluronic acid ester derivative as the liquid (A) has a concentration of the hyaluronic acid ester derivative of from 1 to 20 mass%.
- 20 4. The separate type medical material according to Claim 1, 2 or 3, wherein the liquid (B) which is an aqueous solution having such a buffering power that when it is mixed with the liquid (A), the mixed liquid has a pH within a range of from 6.8 to 7.8, is an aqueous solution  
25 having hyaluronic acid dissolved therein.
5. The separate type medial material according to any one of Claims 1 to 4, which further contains a medicine

or a pharmaceutically acceptable lubricant.

6. The separate type medical material according to Claim 5, wherein the medicine or the pharmaceutically acceptable lubricant is dissolved or dispersed in the liquid (A) which is an aqueous solution containing a hyaluronic acid ester derivative and buffered to a pH of from 4.5 to 6.5.

7. The separate type medical material according to Claim 5 or 6, wherein the medicine or the pharmaceutically acceptable lubricant is dissolved or dispersed in the inside of the hyaluronic acid ester derivative in the liquid (A).

8. The separate type medical material according to any one of Claims 5 to 7, wherein the medicine or the pharmaceutically acceptable lubricant is dissolved or dispersed in the liquid (B) which is an aqueous solution having such a buffering power that when it is mixed with the liquid (A), the mixed liquid has a pH within a range of from 6.8 to 7.8.

9. The separate type medical material according to any one of Claims 5 to 8, wherein the pharmaceutically acceptable lubricant is a phospholipid.

10. The separate type medical material according to any one of Claims 1 to 9, which is a medical material for joint injection comprising the liquid (A) and the liquid (B) packed in a syringe separately from each other.

11. A method of administering a medical material for

arthropathy, which comprises mixing liquid (A) and liquid  
(B) constituting the separate type medical material as  
defined in any one of Claims 1 to 10 immediately before  
administration, and injecting the resulting mixed liquid  
5 to the joint of a patient for administration.